

Fig. 1A

2005-10-10 10:41:50

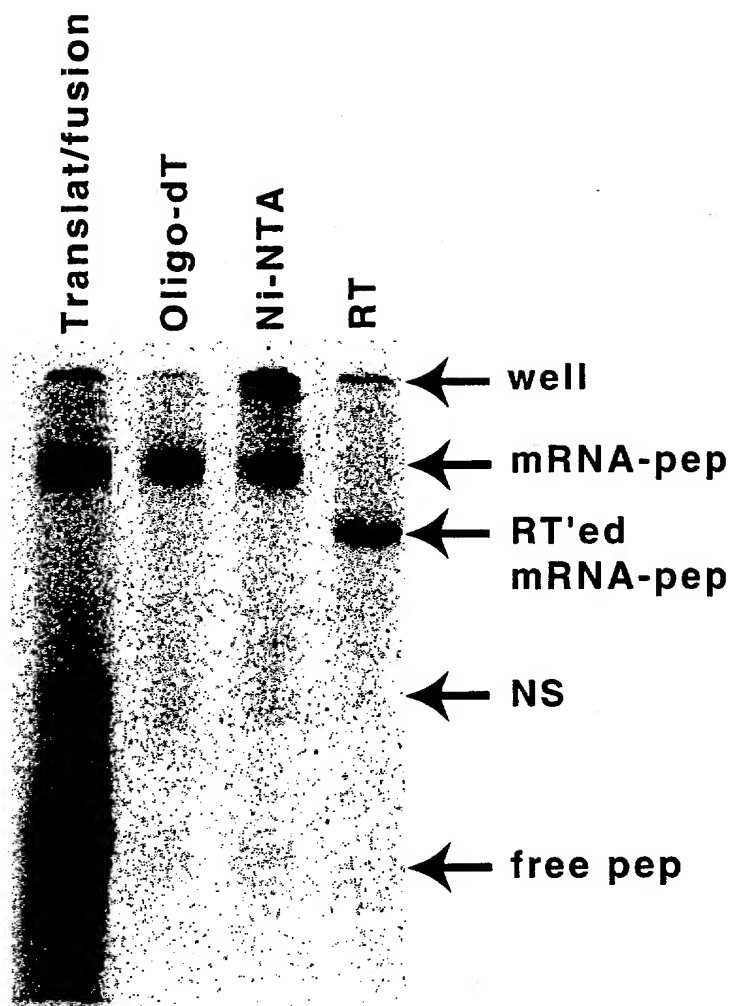


Fig. 1B

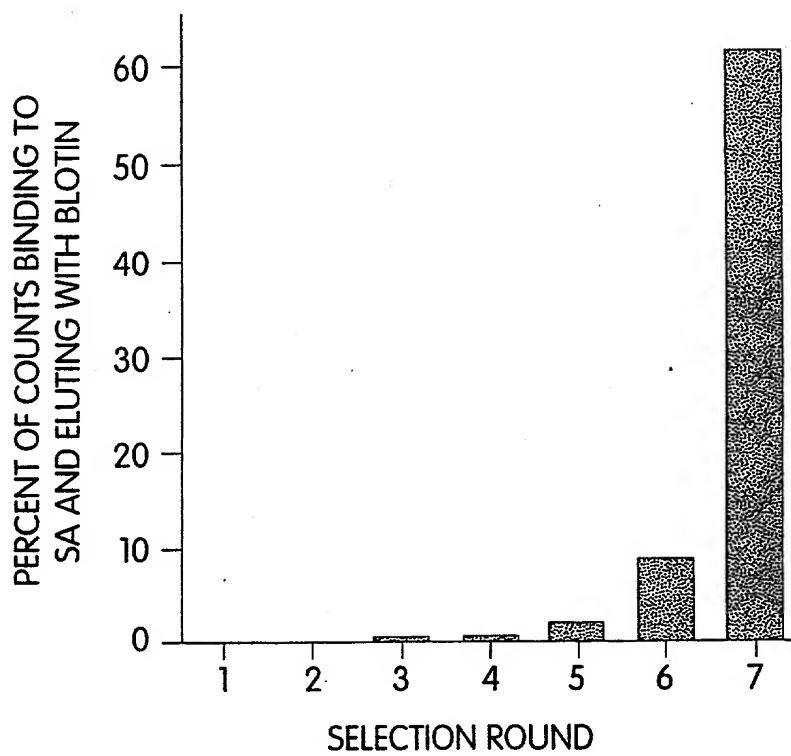


Fig. 2A

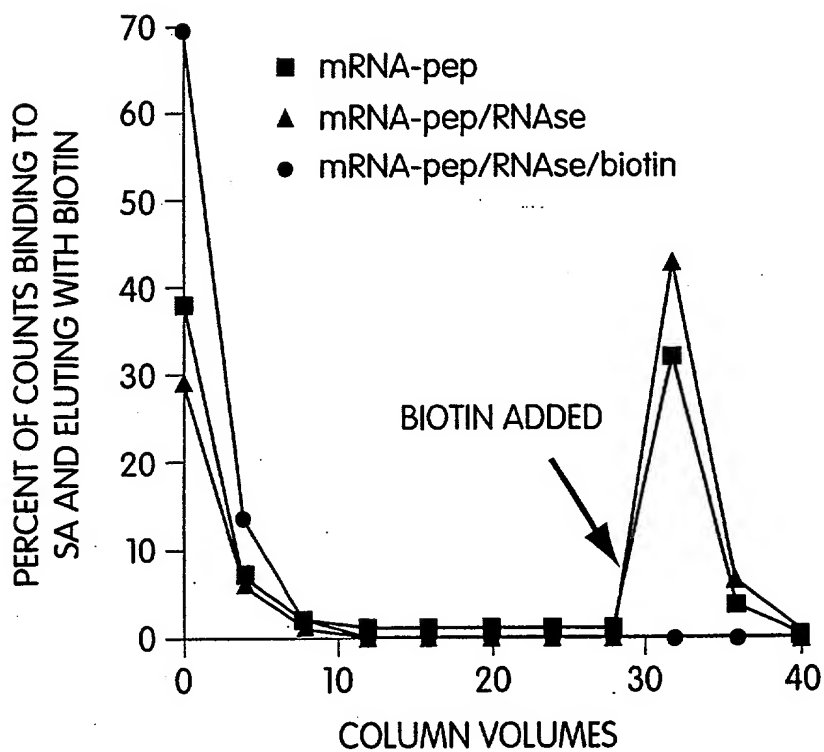


Fig. 2B

name #	SEQ ID NO:
SB1 3	<u>MDEKTHCTISMGAVPLVPHHPQGDPLRLHRRPQALLVRRHPQGD</u> LVALVEHHEGVDRGLVALPELHAEELGEPVGLVQGPVEQVQVWDALVWRLPPS
SB2 2	<u>MDEKTHCFHPGDHLVRLVEELQALAEGLQRCGRQPHRLPRRRPHHLQLLLDEAHPOAGPLRERAHQVDRLLQLQHHPQCDRLILQQPDHPLELVWRLPPS</u>
SB3 4	<u>MTRRPASSSSCVRHLLLRQGEHGHQALEDRDKARHVRIVEGDEVILGGLDLARARHEALHPQAGLVHLPFHGGDLGGHLRLVLEAHHPQGDRLGLAVHHH</u>
SB4 1	<u>MDEKTHWGISWTRGEPLLHPQAGRLPLDRRRARHRRITIGAEPGGVDHGLRLLELDDHRPLVPDHPHPQGRGPLQRGDLQVVPVLRHRAHVLGLGLAAATIT</u>
SB5 3	<u>MDEKTHWNVVYHPQGDLLVRGHGHDVEALHDQGLHQLDLLVGPPEVVRALRGEVLGGLRRLVPLDHPQGEALDQARQRPQHLLLELHHRALPPALVWRLPPS</u>
SB6 1	<u>MDEKTHWLNNFEEELARLDGLREGEDHPLVLRHHPQGDGLLDQPLGRHRALDGEVREGDRPLDQCGEEDLGALVDDDEVLGDLVHVGVHVDPLVCGCHHH</u>
SB7 1	<u>MDEKTHWFGTINSFPTHMMSAVNGKIDCSFNWNLSTNHWLSSGHPDGCALDDQLHPQGDALVGRDDGVVQALRLEGHQRHRLAQRADRRHRQLVWRLPPS</u>
SB8 1	<u>MDEKTHCTTELNFSTHWWKLHHPQGDALLDDGVRRPHHPLADEGGGLDQGLGHRGVVAERLARRDPEVLEGLVERHRLVPRLRHGGERHAEPLVWRLPPS</u>
SB9 1	<u>MDEKTHCNTGLYDGAADCFNELNKDVAPLVEGRHDLVEGLLLEHHPQGDPLVAHRQLVHHPLLRGERHRRALVPQEHQPHRLQPVVDLGRRLVWRLPPS</u>
SB10 1	<u>MDEKTHWHERAQELVGGLLLDHHPQRLLEPRGPRPLRGLVHERGHQPLAGRVEEADGGLLRDGGGELEPLVREGEDHLEPLDDELDAGRGLVWRLPHHH</u>
SB11 1	<u>MDEKTHWHERVHHLADGLEQHPQGORRPLVERHRQVPRGLVRELQHEGLPLEHPAGVHVIRLHQGDDRDVDGLVDGHRDVRGLEREVEGDGPHRLVWRLPPS</u>
SB12 4	<u>MDKDPILLEELERLVRHHPQGGLLPLRGQVGHDAERLGAEVDDLRGGLLDEPQRAVAGLHHVPHRVGQRLVHEVRELDEGLLDQRDDLRLVWRLPPS</u>
SB13 2	<u>MEREDPLDEQLRELREALVDHPQGAQALHRHDGGEHVPLRRVQHRLQPGQLHHLEPQLGLLGELQARLQPLAGEHEGDGAGLQRPVPGHQGRRLVWRLPPS</u>
SB14 1	<u>MDEKTHRTLSVSLSFNDWLQTKACWRLVEGLHHPQGLVREHEVDVLPLAEVQVVGGLADGVEQPGGGLHRAQRVDHPLPDHAGQVLGRLVWRLPPS</u>
SB15 1	<u>MDEKTHWLEDLKGVLKDKLMDFTKDCRSPRVQPPQLLHHRDGEFVPLLRAGRDLCGLGPRAPRQARPLHHGRHDLHEPLVLQDHPQGGPLVCGCHHH</u>
SB16 1	<u>MDEKTHWVLQLHPQGDRLGPRHGGDDVRLVGQGEGLVLEGLDGRPRRRRRLPREDEHRVRALVDQVRDLAERLVEEVDDGGVEALRHLGLPQDEPRSGGCHHH</u>
SB17 2	<u>MDEKTHWVGLQEPGLGPGVGEVPGGLVLRHHPQDRDLVDGVGPHGRALARRPHRVVEGLHLLLRQGERLPPDGPRLGLLGELDRADPALVWRLPPS</u>
SB18 1	<u>MDEKTHCAVNVNVLTHWCHRVAHLQPLDHPQGDHLRLEPLGHALVDPLVQGVVEVVRPLQLDVGVRVALVEQVAEVGEGLDHEAGQAHGALVWRLPPS</u>
SB19 1	<u>MDEKTTGWRGGHVVEGLAGELEQLRARLEHHPQGQREPLVQEVEDVEGLVQDLHGVVAGLLDPVEKLLTDWFKFKNVSKDCKMTFYLEMYDWSGGCHHH</u>
SB20 1	<u>MNEKTHCKLNFKNVNIADWLAEFHGGGQGLLGRRDGVVQRLVDGVQERVERLDRDPGLGDLRLLELHHRDHLRLGGEHLLRDHPLEPDDHLVVGGLVWRLPPS</u>

Fig. 3

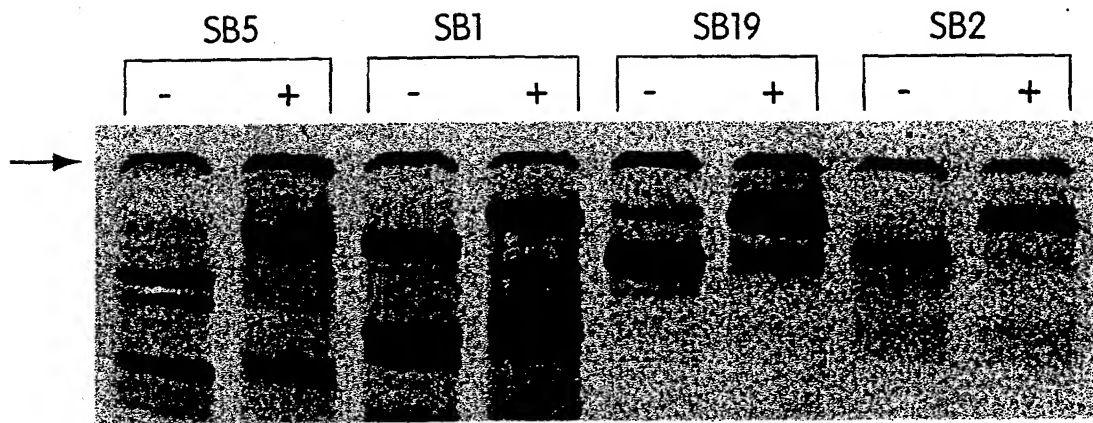


Fig. 4A

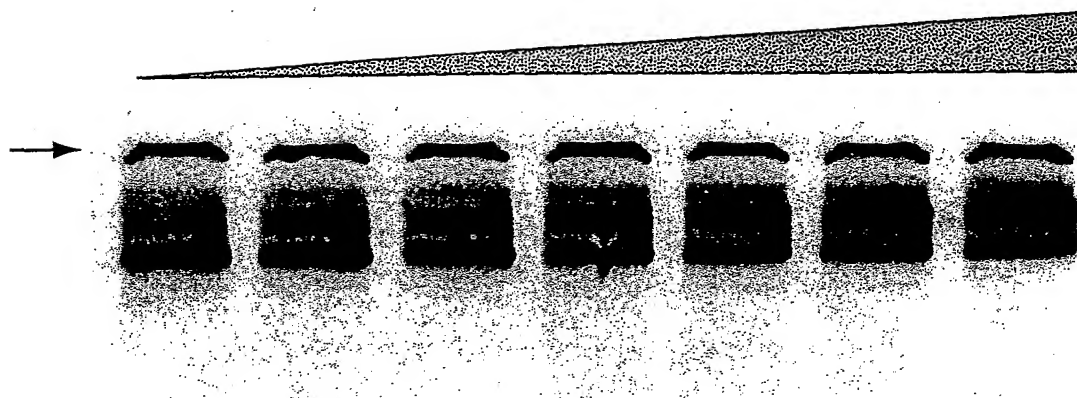


Fig. 4B

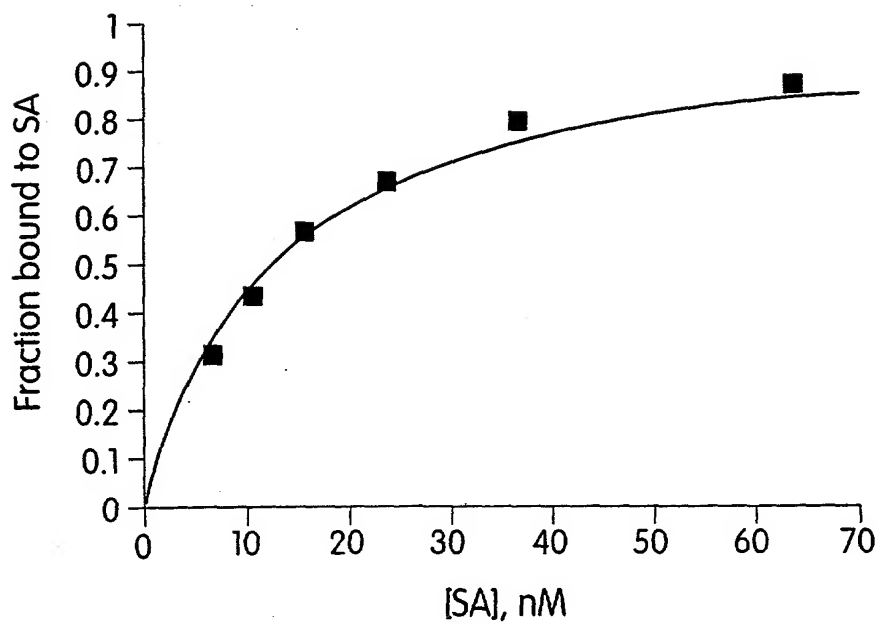


Fig. 4C

		% binding	SEQ ID NO:
FL	MDEKTTGWRGGHVEGLAGELEQLRARLEHHPQGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVEKLLTDWFKFKNVSKDCKMTFYLEYMDWGGCKLG	85	21
C1	MDEKTTGWRGGHVEGLAGELEQLRARLEHHPQGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVEKLLTDWFKFKNV	87	22
C2	MDEKTTGWRGGHVEGLAGELEQLRARLEHHPQGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVE	88	23
C3	MDEKTTGWRGGHVEGLAGELEQLRARLEHHPQGQREPLVQEVEDVDEGLVQDLHGVAAGLLDPVE	89	24
C4	MDEKTTGWRGGHVEGLAGELEQLRARLEHHPQGQREPLVQEVEDVDEGLVQ	88	25
M1	MDEKTTGWRGGHVEGLAGELEQLRARLEHHPQGQREPLVQEVEDVDEGLVQ	0.065	26
N1	MD	69	27
N2	MD	30	28
N3	M	0.058	29

Fig. 5

Fig. 6A

GCTCAGCTGTAGGTATCTCAGTTCGGTGTAGTCTCGTCCAGAGTGGCTGTGTGCACGAACCCCCCGTTTCAGCCC
GACCGTGGCCCTTATCCGGTAACATATCGTCTTGAGTCCAAACCCGGTAAGACACGACTTATCGCCACTGGCAGAGCCAC
TGGTAACAGGATTAGCAGAGCGAGGTATGTAGCGGGTGTACAGAGTCTTGAAGTGGTGCCCTAACTACGGCTACACTA
GAAGGACAGTATTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTTCGGAAGAGAGTTGGTAGCTCTTGATCCGGCAAA
CAAACCAACCGCTGGTAGCGGTGGTTTTTTTGTTCAGCAGCAGATACCGCGCAGAAAAAGGATCTCAAGAAGATCC
TTTGATCTTTTCTACGGGGTCTGACGCTCAGTGGAACGAAACTCACGTTAAGGATTTTGGTCATGAACAATAAACTG
TCTGCTTACATAACAGTAATACAAGGGGTGTATGAGCCATATTCAACGGGAACGCTTGTCTAGGCCCGGATTAAA
TTCCAACATGGATGCTGATTATATGGGTATAAATGGGCTCGCGATAATGTGCGGCAATCAGTGCACAACTATCGAT
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ACTCACCACCTGCGATCCCGGGGAAACACAGCATTCAGGTATTAGAAGAAATATCCTGATTCAGGTGAAAAATATTGTTGATG
CGCTGGCAGTGTCTCCGCGCGGTGCAATTCGATTCCGTGTTGTAATTGTCTCTTTTACAGCGATCGCGTATTTCGTCTC
GCTCAGGCGCAATCACGAATGAATAACGGTTGGTGTGATGCGAGTGATTTGATGACGAGCGTAATGGCTGGCCTGTTGA
ACAAGTCTGGAAAGAAATGCATAAACTTTTGCCATTCTCACCGGATTCAGTCGTCACTCATGGTGATTTCTCACTTGATA
ACCTTATTTTTCAGCGAGGGGAAATTAATAGTTGTATTGATGTTGGACGAGTCGGAATCGCAGACCGATACAGGATCTT
GCCATCCTATGGAACCTGCCCTCGGTGAGTTTCTCCTTCATTACAGAAACGGCTTTTTCAAAAATATGGTATTGATAATCC
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TGATTTAGAAAAATAAACAATAAGGGTTCGCGCACATTTCCCGAAAAAGTGCCACCTGAAATGTAAACGTTAATAT
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GAGGTCCCGTAAAGCACTAAATCGGAACCCCTAAGGGAGCCCCCGATTAGAGCTTGACGGGGAAGCCGGGAACGTGG
CGAGAAAGGAAGGGAAGAAAGCAGAGCGGCGCTAGGGCGCTGGCAAGTGTAGCGGTACCGGTACCGTGGCGGTAACCAAC
ACACCCGCGCGCTTAATGCGCCGCTACAGGGCGGTCCCATTCGCCA

Fig. 6A (continued)

(SEQ ID No.:38)

MGIEEGKLVINGDKGYNGLAENVGKKFEKDTGKIVTVEHPDKLEEKFPQVAATGDGPDIFWAHDFGGYAQSGLLAEI
 TPDKAFQDKLYPFTWDVRYNGKLIAYPIAVEALSIIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWP
 LIAADGGYAFKYENGKYDIKDVGVNAGAKAGLTFLVDLIKKNKHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSK
 VNYGVTVLPTFKGQPSKPFVGVLSAGINAAASPKNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYEEELAKDPRIAA
 TMENAOQGEIMPNI PQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSGSGSGMDEKTTGWRGGHVVEGLAGELEQ
 LRARLEHHPQGPQREPGSGHHHHHHEFLVPRGSMPCVKCKVAPRNWVKVKNKHLRIYNMCKTCFNNSIDIGDDTYHGHDD

Fig. 6B

(SEQ ID No.:39)

MDPCVKCKVAPRNWVKVKNKHLRIYNMCKTCFNNSIDIGDDTYHGHDD

Fig. 6C

MDEKTTGWRRGHHVVEGLAGELEQLRARLEHHPQQGREP

[The page contains several large, dark ink smudges or stains, particularly along the right margin and bottom edge.]

Fig. 7B

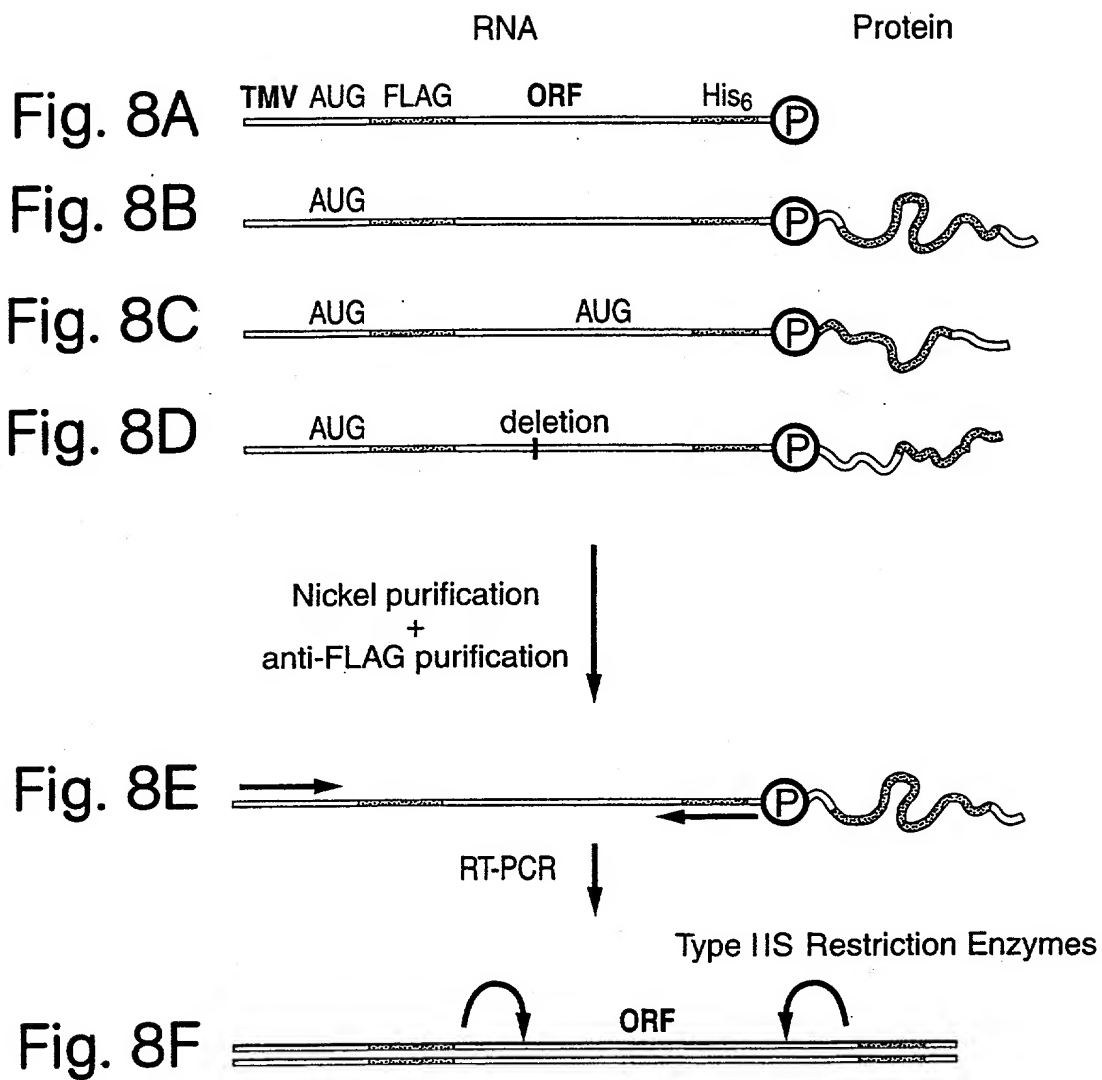


Fig. 9A

ACTATCCGCTGGATGACCAGGATGCCATTGCTGTGAAGCTGCCCTGCACATAATGTTCCGGCGTTATTCTTGATGTCTCT
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TCACCAGCAAAATCGCGCTGTAGCGGCCCATTAAGTTCTGTCTCGCGCGTCTGCGTCTGGCTGGCATAAATATC
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CGCAGGATGCTGTGGTACCCCTGTGGAACACCTACATCTGTATTAACGAAGCGCTGGCATTGACCCCTGAGTGATTTTC
TCTGGTCCCGCGCATCCATACCGCCAGTTGTTACCCCTCACAAACGTTCCAGTAAACGGGCATGTTTCATCATCAGTAACC
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GACCAACAGGAAAACCGCCCTTAACATGGCCCGCTTTATCAGAAGCCAGACATTAACGCTTCTGGAGAAACTCAACG
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CGTTTCGGTGATGACGGTGAAAACCTCTGACACATGACGCTCCCGGAGACGGTCACAGCTTGTCTGTAAAGCGGATGCCGG
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TGACGAGCATCACAAAATCGACGCTCAAGTCAGAGTGGGAAACCCGACAGGACTATAAAGATACCAAGCGGTTTCCCC
CTGGAAGTCCCTCGTGGCTCTCCTGTTCCGACCTTACCGGATACCTGTCCGCTTCTCCCTTCGCTCGGGAAGC
GTGGCGCTTTCTCATAGCTACGCTGTAGGTATCTCAGTTCGGTGTAGGTGCTTCCAGCTGGGCTGTGTGCACGA
ACCCCCGTTACGCCCGACCGCTGCGCCTTATCCGGTAACATATCGTCTTGAGTCCAAACCCGGTAAGACACGACTTATCGC

Fig. 9A (continued)

CACTGGCAGCCCACTGGTAACAGGATTAGCAGCGAGGTATGTAGGCGGTGCTACAGAGTCTTGAAGTGGTGGCCT
AACTACGGCTACACTAGAGGACAGTATTTGGTATCTGCGCTCTGCTGAAGCCAGTTACCTCGGAAAAAGAGTTGGTAG
CTCTTGATCCGGCAACAACACCGCTGGTAGCGGTGTTTTTTTGTTCAGCAGCAGATTACGCCGAGAAAAAAG
GATCTCAAGAAGATCCTTTGATCTTTCTACGGGGTCTGACGCTCAGTGGAAACGAAACTCACGTTAAGGATTTTGGTC
ATGAACAATAAACTGTCTGCTTACATAAACAGTAATAACAAGGGGTGTTATGAGCCATATTCAACGGGAAACGTCCTTGCT
CTAGCCCGGATTAATTCACCATGGATGCTGATTTATATGGGTATAAATGGGCTCGGATATAATGTCGGCAATCAGGT
GCGACAACTATCGATTGATGGGAAGCCCGATGCGCCAGAGTTGTTCTGAACATGCAAGGTAGCGTTGCCAAATGA
TGTTACAGATGAGATGGTCAGACTAACTGGCTGACGGAATTTATGCTCTTCCGACCATCAAGCATTTTATCCGTACTC
CTGATGATGCTGTTACTCACCACTGCGATCCCCGGGAAACAGCATTCAGGTATTAGAAATATCCTGATTCAGGT
GAAATAATTGTTGATGCGCTGGCAGTGTCTCTGCGCGGTGTCATTCTGTTTGTAAATGTCCTTTTAAACAGCGA
TCGCGTATTTGCTCGCTCAGCGCAATCACGAATGAATAACGGTTGGTTGATGCGGATTCAGTCGTCATCATGGT
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GATTTCTCACTTGATAACCTTATTTTGACGAGGGGAAATTAATAGGTTGTTATGATGTTGGACGAGTCGGAATCGCAAT
CCGATACAGGATCTTGCCATCCTATGGAACCTGCCCTCGGTGAGTTTCTCTTCATTACAGAAACGGCTTTTCAAAAAT
ATGGTATTGATAATCCTGATATGAATAAATTGCAGTTTCAATTGATGCTCGATGAGTTTCTAAGAATTAATTCATGAG
CGGATACATATTGAATGTAATTTAGAAAAATAAACAATAGGGTTCCCGCCACATTTCCCGGAAAGTCCACCTGAAA
TTGTAAACGTTAATAATTTGTTAAAAATTCGCGTTAAATTTTGTAAATCAGCTCATTTTAAACCAATAGCCGAAATC
GGCAAAATCCCTTATAAATCAAAAGAATAGACCGAGATAGGTTGAGTGTGTTCCAGTTTGGAAACAAGTCCACTATT
AAAGAACGTGGACTCCAACGTCAAAGGGGAAAAACCGTCTATCAGGGCGATGGCCCACTACGTGAACCATCACCTAAT
CAAGTTTTTTGGGTCCAGGTGCCGTAAAGCACTAAATCGGAACCCCTAAAGGGAGCCCCCGATTAGAGCTTGACGGGA
AAGCCGGCAACGTGGCGAGAAAGGAAGAAAGCGAAGGAGCGGGCGCTAGGGCGCTGGCAAGTGTAGCGGTACAC
GCTGCGCGTAACCAACACACCCCGCGCTTAATGCGCGCTACAGGGCGCGTCCCATTCGCCA

Fig. 9A (continued)

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 TPKAFQDKLYPFTWDVRYNGKLIAYPIAVEALSIIYNKDLLPNPPKTWEEIPALDKELKAKGKSALMFNLQEPYFTWP
 LIAADGGYAFKYENGKYDIKDVGVDNAGAKAGLTFLVDLIKKNHMNADTDYSIAEAAFNKGETAMTINGPWAWSNIDTSK
 VNYGVTVLPTFFKGQPSKPFVGVLSAGINAASPKNKELAKEFLENYLLTDEGLEAVNKDKPLGAVALKSYYYEEELAKDPRIAA
 TMENAOKEIMPNI PQMSAFWYAVRTAVINAASGRQTVDEALKDAQTNSSSGSGSGMDEKTTGWRGGHVVEGLAGELEQ
LRARLEHHPPQGQREP GSGHHHHHEF

Fig. 9B

205140" TEE400T

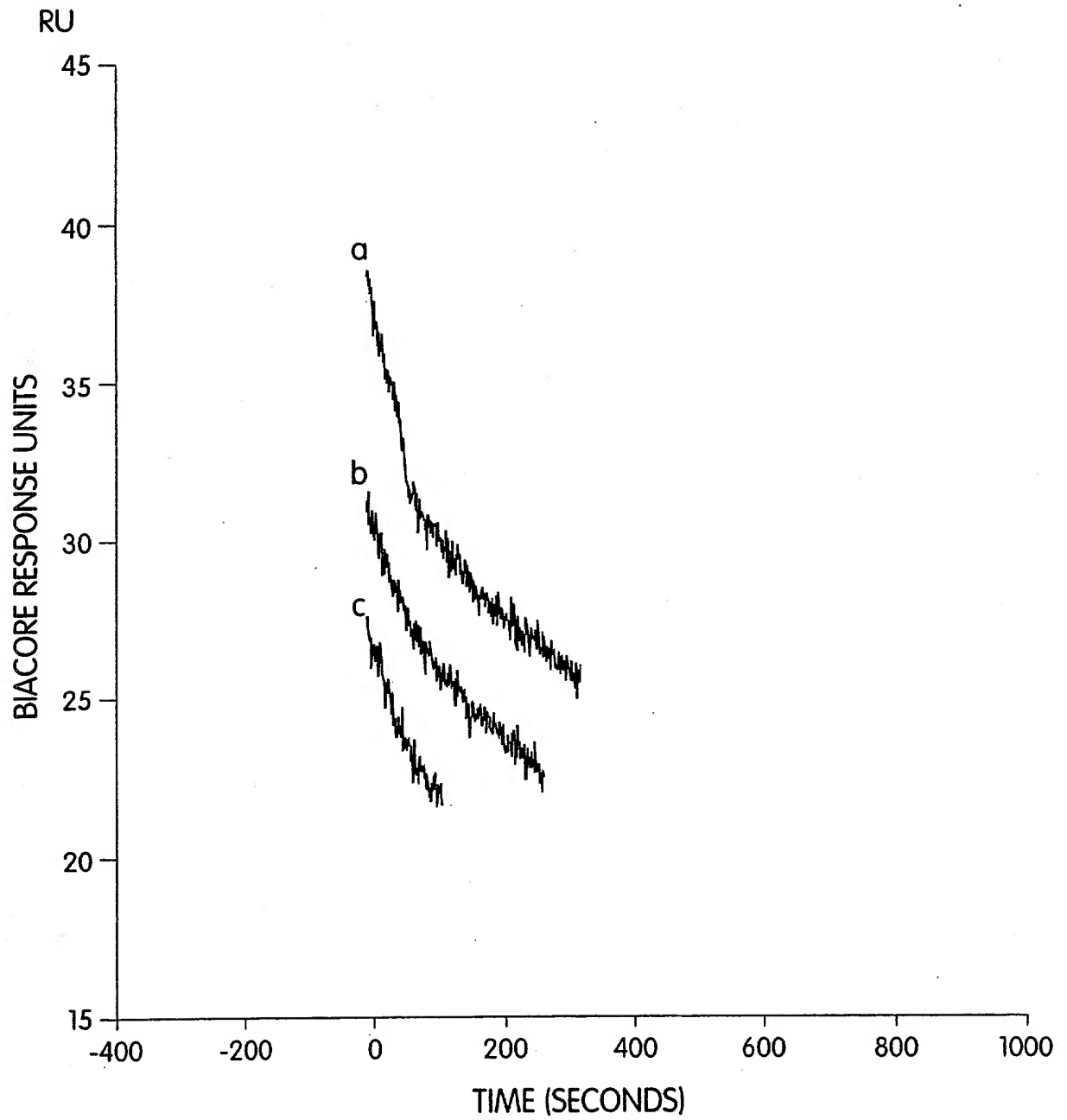


Fig. 10A

205140" T3E400T

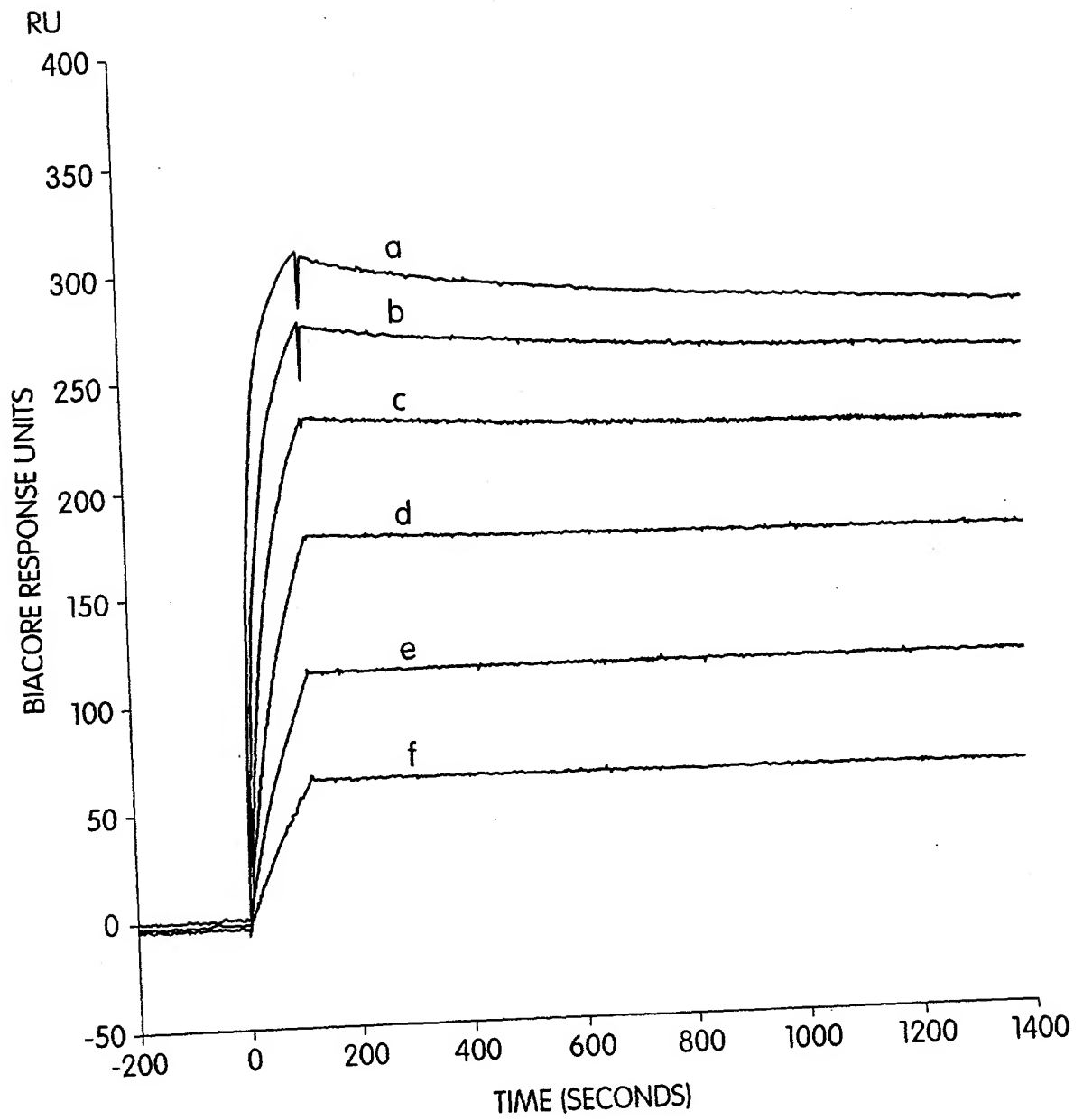


Fig. 10B

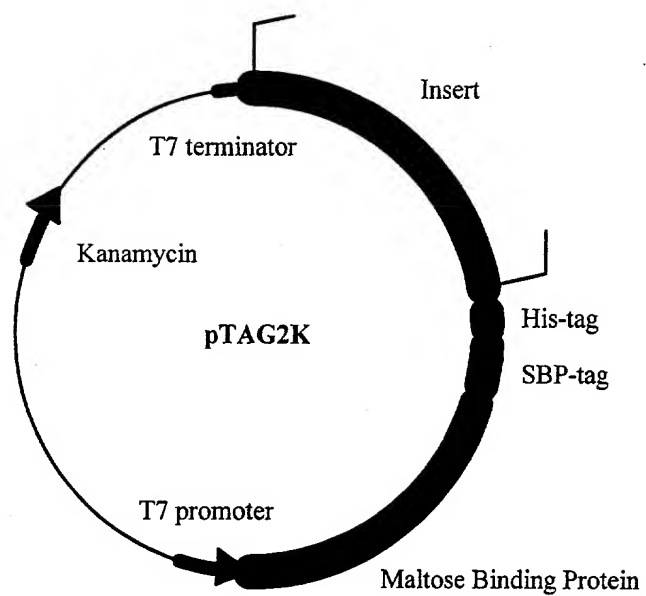


Fig. 11

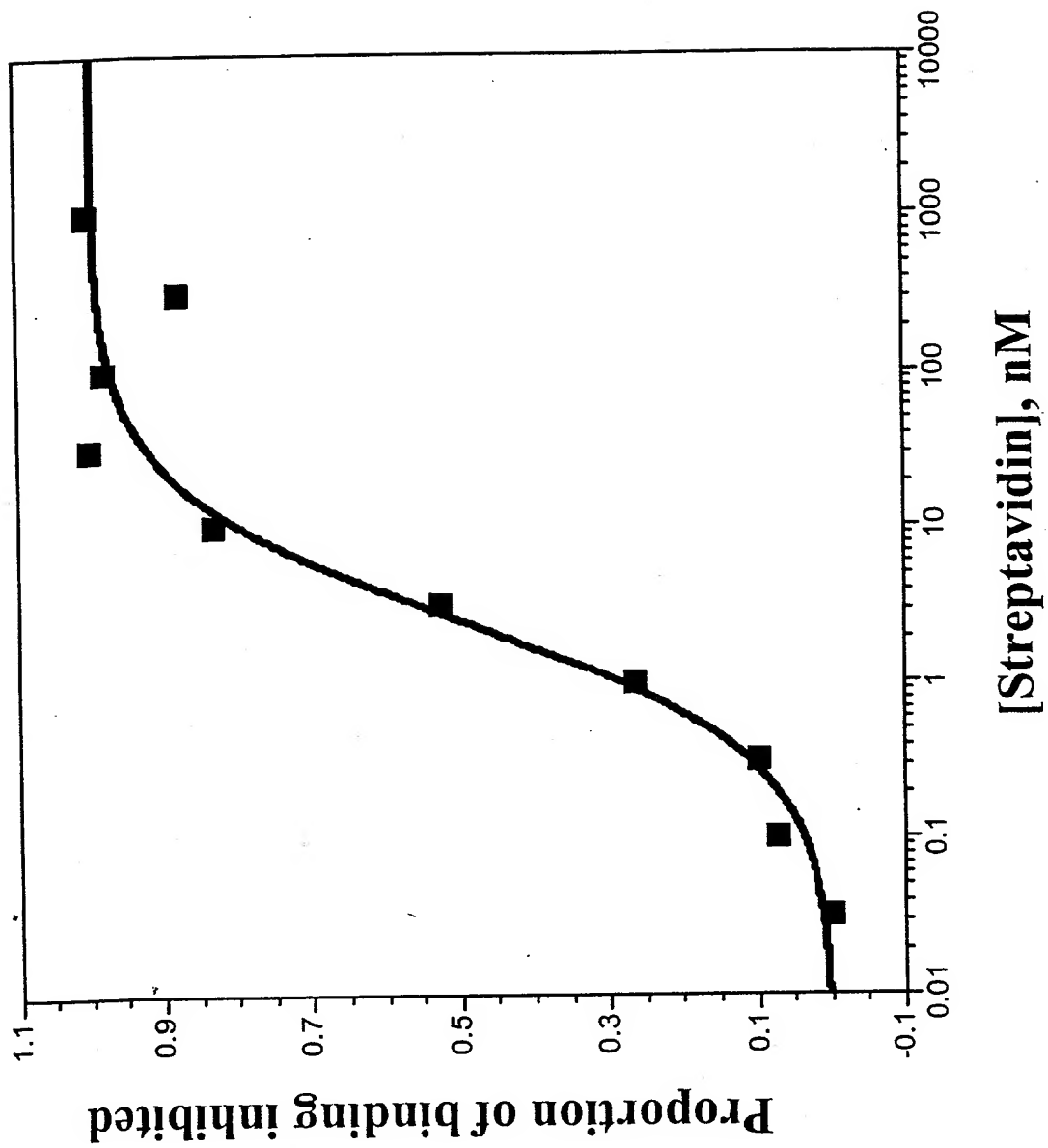


Fig. 12

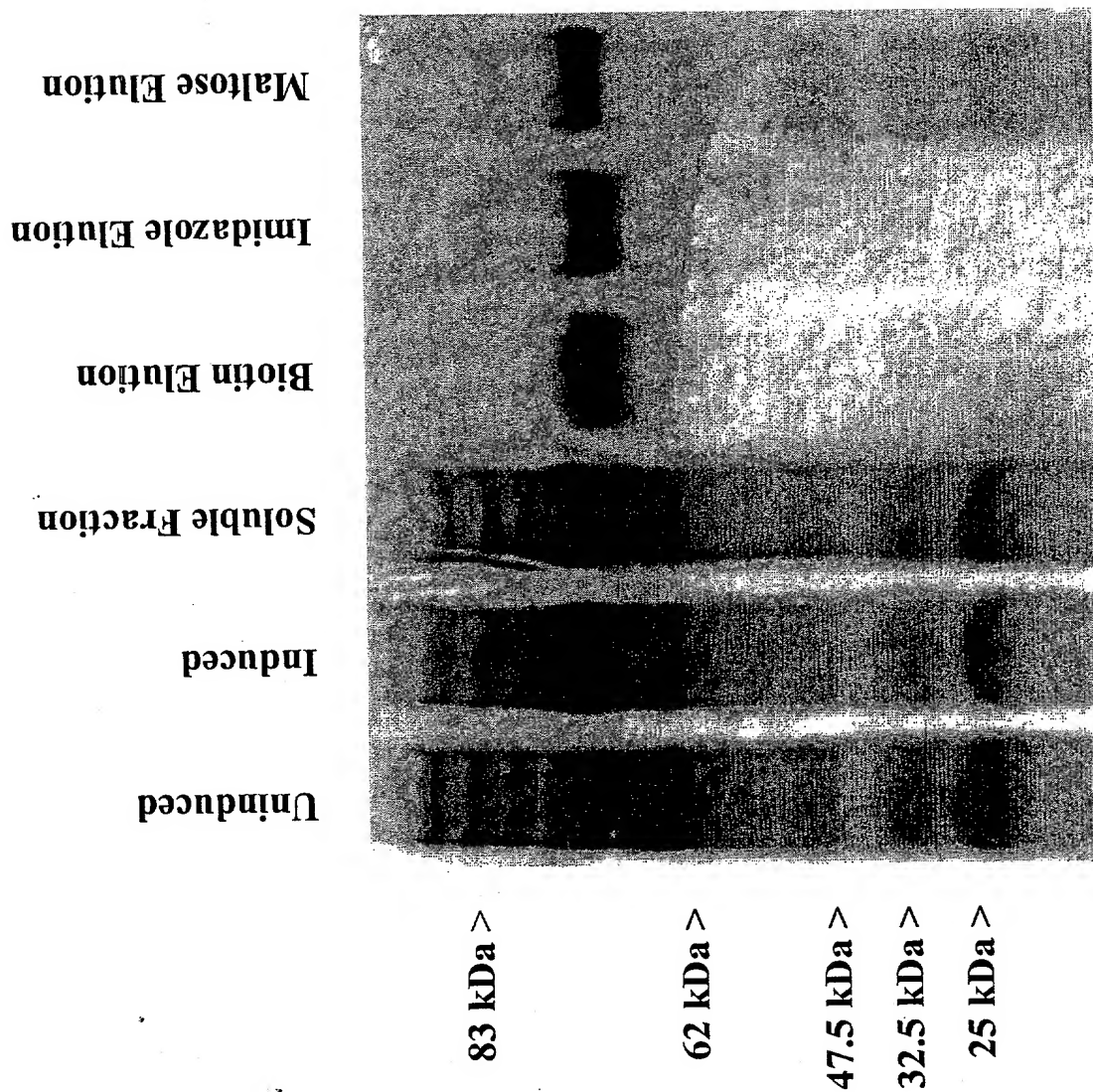
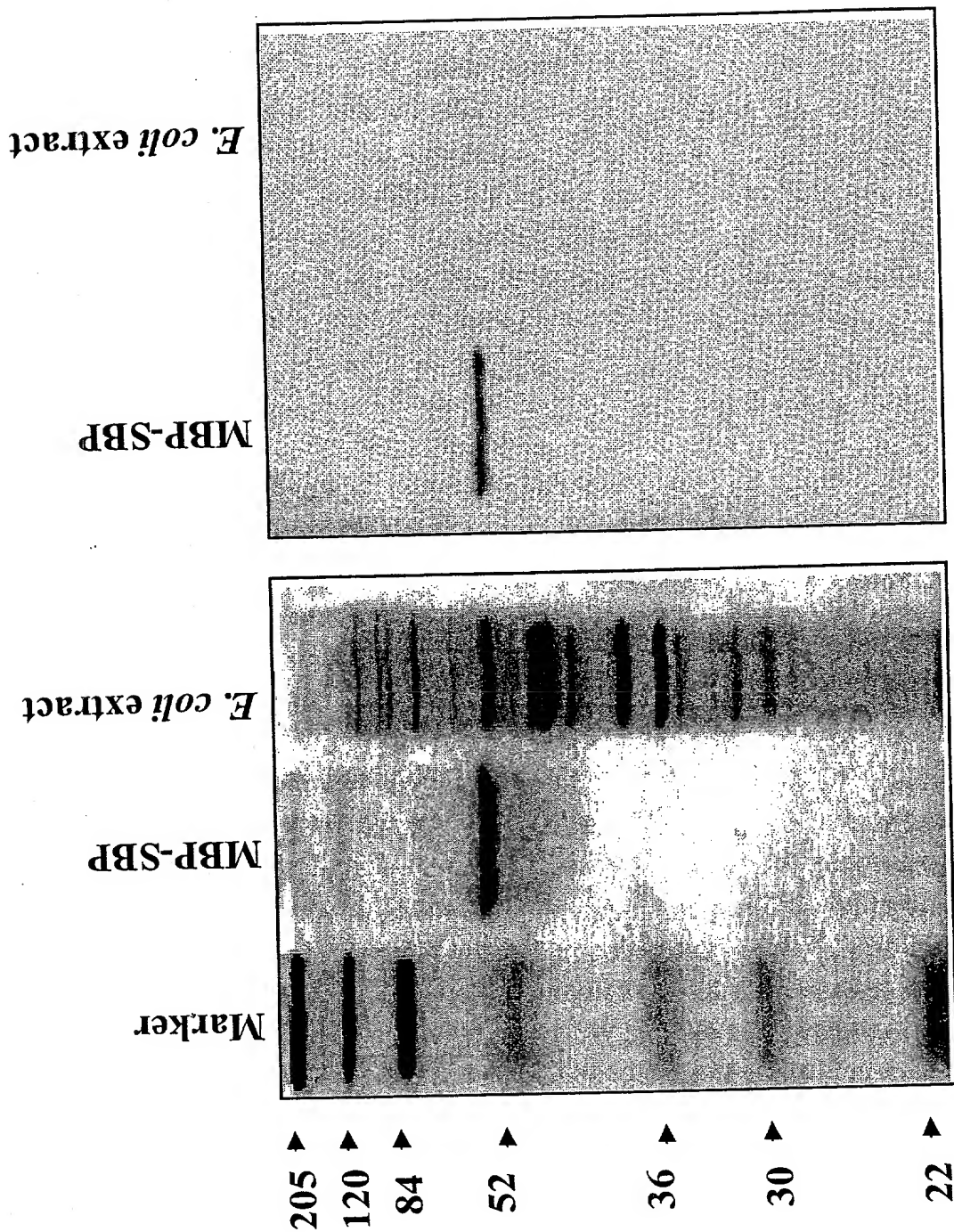


Fig. 13



Blot developed with SA-HRP

Total protein stain

Fig. 14

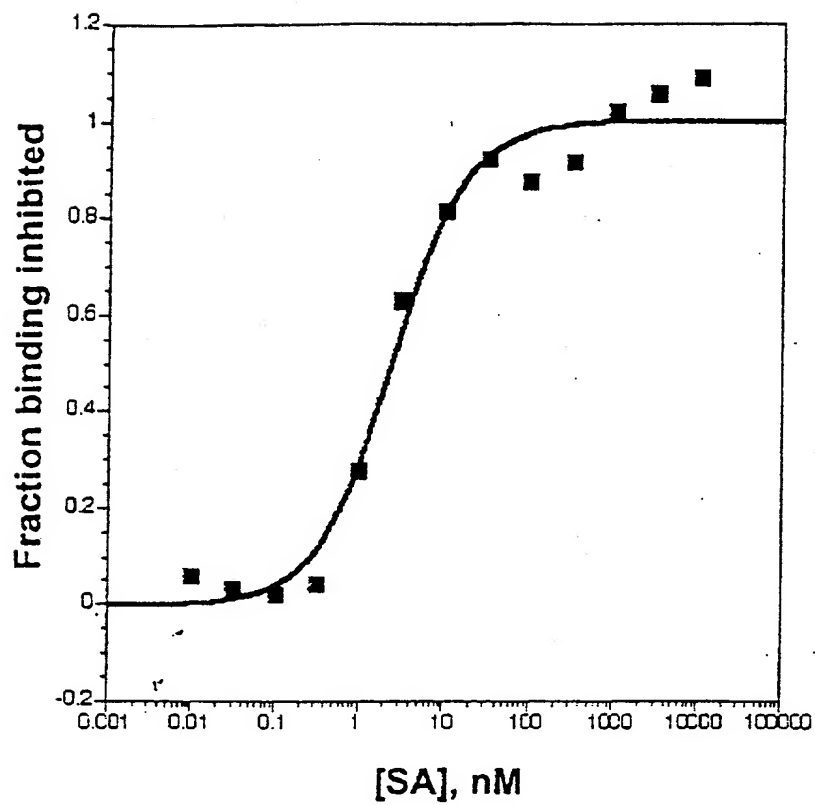


Fig. 15